**FORM PTO-1449** INFORMATION DISCLOSURE STATEMENT 01/18/2000

POCKET No.: LD125b

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\$erial No.:

09/084,542

Group: 1627

Applicant:

Gregory D. Vite et al.

Filing Date: May 26, 1998

U.S. PATENT DOCUMENTS APPLICATIONS

Examiner Initial	1	Document Number	Date	Name			
17	AA	08/856,533	5/14/97	Nicolaou, K., et al.		_	5/14/97
,	AB	08/923,869	9/4/97	Nicolaou, K., et al.			9/4/97
	AC	60/032,864	12/13/96	Nicolaou, K., et al.	1 —		12/13/96

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FOREIGN PATENT DOCUMENTS

						DOCUMENTS			
	kaminer Initial		Document Number	Date:	C	ountry	Class	Sub- class	Filing Date
plot.	BC	ВА	4138042.8	5/27/93	German and	rmany. d English abstract)	-		
***	BC	BB	19639456.2	5/29/97	German and	rmany English translation)			
**	BC	ВС	19542986.9	5/ <b>25</b> /97	Ge	rmany English translation)	-		
<b>**</b>	BC	BD	19636343.8	3/5/98	(German and	rmany English abstract)			
N.A.	BC	BE	19645361.5	4/30/98	(German and	rmany English abstract)			
344	BC	BF	19645362.3	4/30/98	(German and	rman <u>y</u> English abstract)	ĺ	-	
**	BC	BG	19647580.5	5/28/98	(German and	rmany English translation)			
	BC	ВН	19701758	7/23/98	(German and	rmany English abstract)			
**	BC	BI	19707505.3	9/3/98	(German and	rmany English abstract)			
	130	BJ	19713970	10/8/98	(German and	rmany English abstract)			
**	130	BK	19720312	11/19/98	(German and	rmany English abstract)			
**	BC	BL	19821954	11/19/98	(German and	rmany English abstract)			
**	BC	ВМ	879 605	11/25/98	(German and	urope English abstract)			
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**	BC	ВО	93/10121	5/27/93	(PCT as publ	Vorld ished and English stract)		-	
**	BC	BP	97/19086	5/29/97	(PCT as publ	Vorld ished and English islation)			-
#HY	BC	BQ	98/08849	3/5/98	(PCT as publ ab	VOrId shed and English stract)			
**	BC	BR	98/22461	5/28/98	(PCT as publ	Vorld shed and English slation)			
Ĺ	BC	BS	98/24427	6/11/98	V	Vorld			

\*\* structures only

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Applicant:

Gregory D. Vite et al.

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64		ВТ	98/25929	6/18/98	World (PCT as published and priority documents: U.S. 60/032,864, 08/856,533, 08/923,869)		
** B	C	BU	98/38192	9/3/98	World (PCT as published and English abstract)		
** B	c	BV	98/47891	10/29/98	World (PCT as published and English abstract)	_	_
B	C E	3W	99/01124	1/14/99	World		
** B		вх	99/03848	1/28/99	World (PCT as published and English abstract)		_
ha G	sc 1	ВҮ	99/07692	2/18/99	World (PCT as published and English translation)		

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CA	Balog, A., et al., "Total Synthesis of (-)-Epothilone A", <i>Angew. Chem. Int.</i> Ed. Engl., Vol. 35, No. 23/24, 2801-2803 (1996)
СВ	Bertini, F., et al., "Alkenes from Epoxides by Reductive Elimination with Magnesium Bromide-Magnesium Amalgam", Chem. Commun.,144 (1970)
CC	Bollag, D.M., et al., "Epothilones, A New Class of Microtubule-stabilizing Agents with a Taxol-like Mechanism of Action", Cancer Res. 55, No. 11, 2325-2333 (1995)
CD	Fujisawa, T., et al., "Deoxygenation of Epoxides to Olefins with FeCl <sub>3</sub> – n-BuLi System", Chem. Lett., 883-886 (1974)
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CK	Kupchan, S. M., et al., "Reductive Elimination of Epoxides to Olefins with Zinc-Copper Couple", <i>J. Org. Chem.</i> , Vol. 36, No. 9, 1187-1190 (1971)
CL	Martin, M. G., et al., "Epoxides as Alkene Proteoting Groups. A Mild and Efficient Deoxygenation", <i>Tetrahedron Letters</i> , Vol. 25, No. 3, 251-254 (1984)

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Applicant:

Gregory D. Vite et al.

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co	Meng, D., et al., "Remote Effects in Macrolide Formation Through Ring-
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СТ	Nicolaou, K. C., et al., "Total Syntheses of Epothilones A and B via a Macrolactonization-Based Strategy", <i>J. Am. Chem. Soc.</i> , Vol. 119, No. 34, 7974-7991 (1997)
CU	Nicolaou, K. C., et al., "Synthesis of Epothilones A and B in Solid and Solution Phase", <i>Nature</i> , Vol. 387, 268-272 (1997)
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CY	Schinzer, D., et al., "Total Synthesis of (-)-Epothilone A", Angew. Chem. Int. Ed. Engl., Vol. 36, No. 5, 523-524 (1997)
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Branda Coleman

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Applicant: Gregory D. Vite et al.

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		R (Including Author Title Date, Pertinent Pages, etc.) (Continued)
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<u> </u>	CAD	Vol. 94, No. 18, 6538-6540 (1972)
	CAB	lere er en er fin i dign dinnigate dit i Ebbeningne Erlin Evicioni di Nico
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	CAD	Engl., Vol. 36, No. 19, 2093-2096 (1997)
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	CAI	Bertinato, P., et al., "Studies Toward a Synthesis of Epothilone A:
	ł	Stereocontrolled Assembly of the Acyl Region and Models for
		Macrocyclization", J. Org. Chem.\ Vol. 61, No. 23, 8000-8001 (1996)
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		Vol. 74, No. 52, 24-26 (1996)
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		Physico-chemical and Biological Properties", <i>J. Antibiotics</i> , Vol. 49, No. 6,
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	CAQ	Marshall, A., "Total Synthesis of Epothilone", Nature Biotechnology, Vol.
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Brenda Coleman

August 14,2000

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OTHE	R (Inc	luding Author, Title, Date, Pertinent Pages, etc.) (Continued)
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	CAU	Mulzer, J. and Mantoulidis, A., "Synthesis of the C(1)-C(9) Segment of the Cytotoxic Macrolides Epothilon A and B", <i>Tetrahedron Lett.</i> , Vol. 37, No. 51, 9179-9182 (1996)
	CAV	Nicolaou, K., et al., "Chemistry, Biology and Medicine of Selected Tubulin Polymerizing Agents", <i>Pure Appl. Chem.</i> , Vol. 71, No. 6, 989-997 (1999)
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	CAZ	Schinzer, D., et al., "Syntheses of (-)-Epothilone A", <i>Chem. Eur. J.</i> , Vol. 5, No. 9, 2483-2491 (1999)
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	CBB	Nicolaou, K. C., et al., "Synthesis and Biological Properties of C12,13-Cyclopropylepothilone A and Related Epothilones", <i>Chemistry &amp; Biology</i> , Vol. 5, No. 7, 365-372 (1998)

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